



**Amphthill Rural  
District Council**

# **Annual Report**

of the

**Medical Officer  
of Health**

and of the

**Public Health  
Inspector**

for the year

**1970**



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TO THE CHAIRMAN AND MEMBERS OF THE  
AMPTHILL RURAL DISTRICT COUNCIL

MR. CHAIRMAN, LADIES AND GENTLEMEN,

I have the honour to submit my report for the year 1970. The general indication from the vital statistics shows that the health of the district remains in a satisfactory state. There was little change over the previous years. The population continues to rise and there is a constant demand for more houses.

The chief causes of death, as will be seen from the tables, are malignant disease, with 13 cases of cancer of the lungs; 92 cases of heart disease and 59 due to involvement of the cerebrovascular system.

Deaths from lung cancer continue to cause concern. A great deal of publicity has been given to this disease and its connection with cigarette smoking. Once the habit of smoking has been formed it is often difficult to give it up. It is necessary to concentrate on advising children not to start the habit and to explain the merits of not smoking rather than to give frightening reports of what will happen if they do. It is a difficult task when they see so many others smoking and they do not understand the continued advertising of cigarettes and the absence of control over their manufacture and sale. Until the adult population changes its attitude towards smoking it will be difficult to convince children of the danger in cigarettes.

The responsibilities of the Health Department increase year by year as new Acts come into force. This puts a greater burden on the Public Health Inspectors, as implementing the Acts necessitates in many cases an increase in the number of visits to be carried out. This is time-consuming, especially in a rural district, and unless there is adequate staff, this means that some responsibilities of the Department are not receiving the amount of attention that is desirable. It is necessary therefore, from time to time, to consider the need to increase the establishment. The amount of clerical work also increases and sufficient staff should be provided to cope with this.

To carry out the requirements of the Food and Drugs Act alone, means that a considerable amount of time should be spent on the supervision of the handling, storage and sale of food and it is essential that this aspect of the work of the Health Department is not neglected for lack of staff.

Junior and relatively inexperienced staff can cope with the routine duties, leaving an experienced chief officer free to undertake duties requiring his personal attention.

I should like to express my gratitude to the Members of the Council for their support and interest in the work of the Health Department. My thanks are also due to the staff of the Health Department for their conscientious work during the year.

I am,

Your obedient servant,

G. R. THORPE,

*Medical Officer of Health.*

# Amphill Rural District Council

## ANNUAL REPORT

of the  
MEDICAL OFFICER OF HEALTH  
for the year 1970

*Medical Officer of Health*  
G. R. THORPE, M.B., Ch.B., D.P.H.

### STATISTICS OF THE AREA

Area (in acres) .. .. .	62,560
Population:	
Census for 1961 .. .. .	26,010
Registrar General's estimate of home population mid-year 1970 .. .. .	32,940
Number of inhabited houses .. .. .	11,182
Rateable value (1st April, 1971) .. .. .	£1,257,789
Sum represented by a Penny Rate .. .. .	£11,485

### VITAL STATISTICS

	Male	Female	Total
<i>Live Births</i> —Legitimate .. .. .	322	275	597
Illegitimate .. .. .	5	8	13
Totals	327	283	610

Crude Birth Rate .. .. .	18.5 per 1,000 home population
Adjusted Birth Rate .. .. .	18.7 do.

(The comparability factor for the District being 1.01)

As compared with:—

Adjusted Rate for Bedfordshire .. .. .	17.7 per 1,000 home population
Rate for England Wales .. .. .	16.0 do.

	Male	Female	Total
<i>Still Births</i> —Legitimate .. .. .	1	5	6
Illegitimate .. .. .	—	—	—
Totals	1	5	6

Still Birth Rate .. .. .	10 per 1,000 total (live and still births)
--------------------------	--

As compared with:—

Rate for Bedfordshire .. .. .	8.7	do.
Rate for England and Wales .. .. .	13	do.

*Deaths:—*

	Male	Female	Total
Deaths in the District	100	127	227
Transferred into the District .. .. .	69	42	111
Transferred from the District .. .. .	15	22	37
Totals	154	147	301

Crude Death Rate .. .. . 9.1 per 1,000 home population  
Adjusted Death Rate .. .. . 9.6 do.

(The comparability factor for the District being 1.06)

As compared with:—

Adjusted Rate for Bedfordshire .. 10.2 per 1,000 home population  
Rate for England and Wales .. 11.7 do.

*Deaths of Infants under one year of age:—*

	Male	Female	Total
Legitimate .. .. .	7	1	8
Illegitimate .. .. .	—	—	—
Totals	7	1	8

Infant Mortality Rate .. .. . 13 per 1,000 related live births

As compared with:—

Rate for Bedfordshire .. .. . 15.9 do.  
Rate for England and Wales .. 18 do.

*Deaths connected with Childbirth:—*

Maternal Mortality .. .. . Nil

GENERAL PROVISION OF HEALTH AND MEDICAL SERVICES IN THE  
AREA—Provided by the Bedfordshire County Council

*Ambulance Service—*

The Bedfordshire County Council continues to provide ambulance services from the five Stations for the whole of the Administrative County area.

Ambulance or sitting-case car transport is also available for carrying patients who are unable to travel by other means to and from hospitals or clinics when attendance for medical treatment is necessary.

In addition, the Ambulance Service undertakes the removal to isolation hospitals of patients suffering from infectious disease.

*The Nursing Services*

Chief Nursing Officer:—Miss W. Frost,  
Health Department,  
County Hall, Bedford. Tel. Bedford 63222.

The District is adequately covered by Home Nursing, Midwifery and Health Visiting personnel, who operate under the supervision of the Chief Nursing Officer and her Assistants.

*Domestic Help*

Organisers:—Mrs. V. M. Van Berckelaer, County Hall, Bedford  
(Tel. Bedford 63222).

Miss K. Kelly, County Offices, Vernon Place, Dunstable  
(Tel. Dunstable 65861).

Domestic Help is provided over the whole of the County in households where assistance is required. The amount of help given relates to the needs of those assisted.

# CAUSES OF DEATH AT DIFFERENT PERIODS OF LIFE DURING 1970

CAUSE OF DEATH	Total all Ages		Under 4 weeks		4 weeks & under 1 year		Age in Years																	
							1-4		5-14		15-24		25-34		35-44		45-54		55-64		65-74		75 & over	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Enteritis and other Diarrhoeal Diseases	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..
Other Infective and Parasitic Diseases	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Malignant Neoplasm, Oesophagus	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
Malignant Neoplasm, Buccal Cavity etc.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Malignant Neoplasm, Stomach	9	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Malignant Neoplasm, Intestine	4	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Malignant Neoplasm, Lung, Bronchus	12	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Malignant Neoplasm, Breast	..	5	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Malignant Neoplasm, Uterus	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Malignant Neoplasm, Prostate	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Leukaemia	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Malignant Neoplasms	10	6	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Diabetes Mellitus	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Anaemias	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of Nervous System	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Chronic Rheumatic Heart Disease	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Hypertensive Disease	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ischaemic Heart Disease	44	31	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Forms of Heart Disease	7	10	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cerebrovascular Disease	16	43	..	..	..	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of Circulatory System	..	7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Influenza	2	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Pneumonia	6	12	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Bronchitis and Emphysema	9	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Asthma	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of Respiratory System	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Peptic Ulcer	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Intestinal Obstruction and Hernia	..	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Cirrhosis of Liver	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases of Digestive System	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Nephritis and Nephrosis	1	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Diseases, Genito-Urinary System	1	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Congenital Anomalies	2	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Birth Injury, Difficult Labour etc.	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Other Causes of Perinatal Mortality	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Symptoms and Ill-defined Conditions	4	4	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Motor Vehicle Accidents	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Other Accidents	1	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Suicide and Self-inflicted Injuries	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
All Other External Causes	2	1	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total all causes	154	147	7	1	..	..	1	1	..	..	1	1	..	..	5	1	10	7	39	19	40	34	51	83

## PREVALENCE AND CONTROL OF INFECTIOUS DISEASE

No cases of diphtheria or poliomyelitis were notified during the year. Immunisation against these diseases and whooping cough and tetanus is carried out during the first year of life.

In addition to these diseases, protection is offered against measles and tuberculosis. Recently girls are being given injections against rubella (German measles). If this disease occurs during the early months of pregnancy, it can have serious effects on the unborn baby. Girls aged fourteen years and thirteen years are being protected and in future this will be offered to girls reaching their twelfth year.

Occasional cases of dysentery and food poisoning occur, but no serious outbreak took place during the year. When the patient is a food handler it is necessary to exclude the person from work to ensure that the disease is not passed to others.

### (a) Notifications by Age Group

DISEASE	0-4	5-14	15 AND OVER	AGE UNKNOWN	TOTAL
Measles .. ..	78	82	1	2	163
Scarlet Fever ..	3	9	1	—	13
Whooping Cough ..	3	5	3	—	11
Infective Jaundice ..	—	—	3	—	3
Acute Meningitis ..	—	—	—	1	1
Food Poisoning ..	—	—	1	—	1

### (b) Tuberculosis

#### Tuberculosis in Age Groups

Age	New Cases				Deaths			
	Pulmonary		Non-Pulmonary		Pulmonary		Non-Pulmonary	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ..	NIL	NIL	NIL	NIL	NIL	NIL	NIL	NIL
1-5 years ..								
5-15 years ..								
15-35 years ..								
35-65 years ..								
Over 65 years								
Totals .. ..								

### NUMBER ON REGISTER AT END OF YEAR

Pulmonary: 11 males, 9 females. Non-Pulmonary: 3 males, 2 females.

### MASS RADIOGRAPHY

A mobile X-ray unit, provided by the Mass Radiography Service of the Regional Hospital Board, visits the Sands, Woburn Street, Ampthill, on Thursdays from 12.00 to 12.15 p.m. and during this period patients sent by general practitioners can be X-rayed.



CLEANSING OF VERMINOUS PERSONS

Section 85 of the Public Health Act 1936 refers principally to school children with head lice infestations and these are dealt with by the Health Visitors as a matter of routine.

NATIONAL ASSISTANCE ACT 1948—Section 47

Section 47 of the National Assistance Act provides for the removal to hospital or Part III accommodation on a Court Order, of sick or old people who are unable to look after themselves. It was not found necessary to use this legislation for the compulsory removal of any person during the year.

ENVIRONMENTAL HEALTH

Water Supply

Adequate supplies of water have been maintained throughout the District by the Bedfordshire Water Board. The Ampthill Rural District is supplied from the Birchmoor and Pulloxhill borehole sources.

CHEMICAL ANALYSIS OF TREATED WATER  
FROM BOREHOLE SUPPLIES

(Average Analysis of Samples taken weekly)

	<i>Birchmoor</i>	<i>Pulloxhill</i>
Turbidity (A.T.U.) .. ..	0.7	Nil
Colour (Hazen Units) .. ..	Nil	Nil
Reaction pH .. ..	7.68	7.46
Electric Conductivity (reciprocal meg-ohms per ml at 20°C) .. ..	275	365
Ammoniacal Nitrogen .. ..	Nil	0.01
Albuminoid Nitrogen .. ..	0.02	0.01
Nitrate Nitrogen .. ..	5.5	0.10
Chloride as Cl .. ..	24	18
Carbonate Hardness as CaCO <sub>3</sub> .. ..	62	148
Non-Carbonate Hardness as CaCO <sub>3</sub> .. ..	63	49
Total Hardness as CaCO <sub>3</sub> .. ..	125	197
Calcium as CaCO <sub>3</sub> .. ..	107	161
Magnesium as MgCO <sub>3</sub> .. ..	18	36
Free Carbon Dioxide .. ..	3	10
Sulphate as SO <sub>4</sub> .. ..	37	48
Iron as Fe .. ..	0.01	0.03
Lead, Copper, Zinc .. ..	None found	Non found
Sodium as Na .. ..	10	9
Potassium as K .. ..	4	4
Manganese as Mn .. ..	None found	None food
Fluoride as F .. ..	0.17	0.30
Silica as SiO <sub>2</sub> .. ..	22	32
Phosphate as PO <sub>4</sub> .. ..	1.5	Less than 0.10
Temperature °C .. ..	11	12

Results in milligrammes per litre

# ANNUAL REPORT

OF THE

CHIEF PUBLIC HEALTH INSPECTOR

FOR 1970

## ESTABLISHMENT OF THE DEPARTMENT

### *Chief Public Health Inspector/Housing Manager:*

- |                                   |    |   |
|-----------------------------------|----|---|
| W. J. FOLEY, F.R.S.H., M.A.P.H.I. | .. | The sudden death of the Chief, on 5th July, 1970, came as a profound shock. |
| L. DANIEL, M.R.S.H., M.A.P.H.I.   | .. | Appointed as from the 1st August, 1970.                                     |

### *Deputy Chief Public Health Inspector:*

- |                                 |    |   |
|---------------------------------|----|---|
| L. DANIEL, M.R.S.H., M.A.P.H.I. | .. | Up to 31st July, 1970.<br>Post vacant for the rest of the year. |
|---------------------------------|----|---|

### *Student Public Health Inspector:*

- |          |    |    |    |    |  |
|----------|----|----|----|----|--|
| R. SMITH | .. | .. | .. | .. | Commenced his final year of the Diploma Course in September, 1970. |
|----------|----|----|----|----|--|

### *Technical Assistant:*

- |          |    |    |    |    |  |
|----------|----|----|----|----|--|
| E. SMITH | .. | .. | .. | .. | Main duties connected with housing.<br>For 6 months was acting Cleansing Foreman due to illness and subsequent death of Mr. R. Cole. |
|----------|----|----|----|----|--|

### *Administrative Assistant:*

- |          |    |    |    |    |  |
|----------|----|----|----|----|--|
| N. FLINN | .. | .. | .. | .. | Main duties connected with the Cleansing Services. |
|----------|----|----|----|----|--|

### *Clerk/Typist:*

- |                    |    |    |    |    |   |
|--------------------|----|----|----|----|---|
| MRS. I. M. ELLISON | .. | .. | .. | .. | Duties cover the whole work of the department but mainly on the allocation and letting of Council houses. Through illness was absent for 3 months (mid-July—mid-October). |
|--------------------|----|----|----|----|---|

### *Cleansing Foreman:*

- |           |    |    |    |    |  |
|-----------|----|----|----|----|--|
| R. COLE   | .. | .. | .. | .. | Was taken ill early in the year and after varied absence tragically passed away on 3rd August. |
| E. HUDSON | .. | .. | .. | .. | Appointed and commenced duties on 28th September, 1970.  |

### *Rodent Operative:*

- |            |    |    |    |    |                          |
|------------|----|----|----|----|--------------------------|
| J. ROBERTS | .. | .. | .. | .. | Rodent and pest control. |
|------------|----|----|----|----|--------------------------|

1970 proved to be a disastrous year as far as staff was concerned.

The unfortunate death of two members and absence due to illness seriously affected the whole work of the department.

I must pay tribute to the staff for their loyalty and hard work which they put in during the very trying period from July onwards.

The staffing position previously was far from good, but the tragic events which occurred put an undue strain on everyone. It was not until the end of the year that a second Public Health Inspector was appointed to commence duties on the 1st January, 1971.

Assistance on Meat Inspection duties was given by Mr. J. P. Mears, Public Health Inspector to the Amptill Urban District Council during the latter half of the year.

# THE DEPARTMENT IS RESPONSIBLE FOR THE FOLLOWING ADMINISTRATION:—

Public Health Environmental duties.

Cleansing Services.

Housing Management (allocations and lettings).

## PUBLIC HEALTH INSPECTION OF THE AREA

(a) *Number of Inspections made:*

*Public Health Act:—*

Complaints	..	..	..	..	..	..	..	..	45
Where nuisances were found				..	..	..	..	..	9
Drainage	..	..	..	..	..	..	..	..	20
Cesspools	..	..	..	..	..	..	..	..	12
Cleansing	..	..	..	..	..	..	..	..	360
Caravans	..	..	..	..	..	..	..	..	19
Infectious Diseases, etc.			..	..	..	..	..	..	5
Pig Sties	..	..	..	..	..	..	..	..	7
Places of Entertainment			..	..	..	..	..	..	11
Water Samples and Supply	..	..	..	..	..	..	..	..	3
Infestations	..	..	..	..	..	..	..	..	17
Specimens	..	..	..	..	..	..	..	..	2
Swimming Pools	..	..	..	..	..	..	..	..	4
Noise and Smoke Control	..	..	..	..	..	..	..	..	16

*Housing Acts:—*

House to House Surveys	..	..	..	..	..	..	..	96
Preliminary Surveys	..	..	..	..	..	..	..	101
House Inspections	..	..	..	..	..	..	..	451
Revisits	..	..	..	..	..	..	..	170
Complaints	..	..	..	..	..	..	..	33
Housing Applications	..	..	..	..	..	..	..	4
Grants	..	..	..	..	..	..	..	144

*Food and Drugs Act:—*

Slaughterhouses	..	..	..	..	..	..	..	2
Butchers	..	..	..	..	..	..	..	4
Cafes	..	..	..	..	..	..	..	16
Bakehouses	..	..	..	..	..	..	..	1
Licensed Premises	..	..	..	..	..	..	..	8

Food and Drugs Act:—*continued*

Ice Cream Premises .. .. .	4
Canteens .. .. .	2
Grocers .. .. .	6
Confectioners .. .. .	6
Greengrocers .. .. .	2
Fried Fish Shops .. .. .	1
Mobile Shops .. .. .	10
Inspection of Other Foods .. .. .	5
Meat Inspection .. .. .	435
Factories Act:—	
Inspections .. .. .	6
Prevention of Damage by Pest Act 1949:—	
Rodent Control .. .. .	5
Animal Boarding Establishment Act:—	
Inspections .. .. .	10
Civic Amenities Act:—	
Inspections .. .. .	148
Miscellaneous Visits .. .. .	307
Visits to Council Houses .. .. .	107
Offices, Shops & Railway Premises Act 1963:—	
Inspections .. .. .	19
Revisits .. .. .	3
	<hr/>
	2,636
	<hr/>

(b) *Drainage and Sewerage*

(i) *Sanitary Accommodation*

At the end of the year there were 10,487 houses with water closets, the remaining 695 houses having pail closets. Of these 695 houses 155 were unoccupied leaving a total occupied of 540.

A breakdown of these figures shows that in the 22 parishes with main drainage, 10,221 houses have water closets and 558 have pail closets. Some of these 558 houses are in newly sewered parishes and conversions which have yet to take place will lower this figure. However, there are still a considerable number in these parishes which are outside the sewered areas and will remain so for some time to come.

In the other 7 parishes 266 houses have water closets, and 137 houses have pail closets.

(ii) *Drainage*

9,054 houses (84·02%) in the district now have main drainage.

1,181 houses (10·56%) are drained to cesspools. This leaves some 605 houses (5·40%) with unsatisfactory means of drainage either to soakaways, ditches, etc. or with no means of drainage at all.

A considerable number of houses draining to cesspools are outside the sewered areas, but the above figure will be reduced eventually by future sewerage schemes.

(iii) *Sewerage*

22 of the 29 parishes are now provided with main sewerage, although isolated parts of these parishes cannot be connected to each scheme.

Schemes have been prepared and submitted to the Ministry for Hulcote and Salford and for Milton Bryan and these have now received Departmental approval and are proceeding.

A scheme for main sewerage of the parishes of Eversholt and Steppingley and extensions at Flitwick have been prepared and submitted to the Department and have now been approved 'in principle'.

Several small schemes have been prepared for isolated parts of the district, but at present have had to be shelved.

(c) *Rodent Control*

Prevention of Damage by Pests Act 1949

PROPERTIES OTHER THAN SEWERS	TYPE OF PROPERTY	
	NON- AGRICULTURAL	AGRICULTURAL
1. Number of properties in district ..	12,663	330
2. (a) Total number of properties (including nearby premises) inspected following notification. .. ..	245	—
(b) Number infested by (i) Rats ..	187	—
(ii) Mice ..	25	—
3. (a) Total number of properties inspected for rats and/or mice for reasons other than notification .. ..	261	62
(b) Number infested by (i) Rats ..	113	5
(ii) Mice ..	4	12

In providing this service the total inspections and revisits carried out and treatments given are as follows:—

693 Domestic Properties; 39 Business Premises; 85 Council Properties (excluding Council houses); 433 Sewer Ditches and 62 Surveys of Agricultural Properties. Total: 1,312 visits.

The Council's sewers, sewage disposal plants, sewer ditches, and refuse tips are systematically treated.

The Council gives a free service to domestic premises, and occupiers in the main make good use of this facility. The need for reporting the slightest infestation of these disease-carrying vermin cannot be over-stressed. A flat rate charge of 60p per hour of the Operative's time is made to the occupiers of business premises. This flat rate includes wages, travelling expenses and cost of poison and bait.

(d) *Swimming Pools*

(i) There are no public pools owned by this Authority.

(ii) There are two privately owned pools open to the public at Eversholt and Woburn. These open air pools are provided with efficient chlorinating plants.

(iii) Private Swimming Pools:—

HAWNES SCHOOL, HAYNES PARK: An open air pool is provided for this girl's boarding school. The water is obtained from a natural spring and an efficient purification plant is provided for treatment of the water.

THE KNOLL SCHOOL, ASPLEY HEATH: A similar boarding school for boys. There is a small pool filled from the main water supply. It is periodically emptied and re-filled and chlorinated.

(e) *Caravan Sites and Control of Development Act 1969*

There are 10 licensed sites within the District dispersed as follows:—

	SITES	NO. OF CARAVANS
Cranfield .. .. .	2	13 14
Marston .. .. .	1	15
Maulden .. .. .	1	49
Lower Stondon .. .. .	6	160 30 4 4 7 1

(f) *Animal Boarding Establishments Act 1963*

There are five premises registered under this Act where licences are renewed yearly. Annual inspections are made in conjunction with a Veterinary Surgeon appointed by the Council, further inspections being carried out as necessary.

## INSPECTION AND SUPERVISION OF FOOD

(a) *Slaughterhouses*

There are 4 licensed slaughterhouses in the District. There were 16 slaughtermen licensed under the Slaughter of Animals Act 1933/54.

(b) *Meat Inspection*

Total number of Animals Slaughtered and Inspected—2,723.

Carcases and Offal inspected and condemned in whole or in part:—

	Cattle	Cows	Calves	Sheep	Pigs
Number killed .. .. .	476	—	32	1398	817
Number inspected .. .. .	476	—	32	1398	817
All diseases except Tuberculosis and Cysticerci:					
Whole carcasses condemned ..	—	—	—	2	—
Carcases of which some part or organ was condemned .. .. .	43	—	2	10	50
Percentage of the number inspected affected with disease other than Tuberculosis and Cysticerci .. .. .	9.03%	—	6.25%	0.86%	6.12%
Tuberculosis only:					
Whole carcasses condemned ..	—	—	—	—	—
Carcases of which some part or organ was condemned .. .. .	—	—	—	—	2
Percentage of the number inspected affected with Tuberculosis .. .. .	—	—	—	—	0.24%
Cysticercosis only: .. .. .	—	—	—	—	—
Details of parts unsound:—					
28 Beast Livers (Flukes)					2 Pig Heads (Tuberculosis)
2 Beast Livers (Parasitic)					11 Pig Hearts (Pericarditis)
10 Beast Livers (Abscesses)					32 Pig Livers (Milk Spot)
1 Beast Lungs (Abscesses)					3 Pig Livers (Parasitic)
1 Beast Lungs (Cysts)					1 Pig Lungs (Pneumonia)
1 Beast Heart (Endocarditis)					2 Pig Kidneys (Hydronephrosis)
3 Sheep Livers (Parasitic)					1 Pig Kidney (Cysts)



5 Sheep Livers (Flukes)  
 1 Sheep Liver (Fatty Degen.)  
 2 Sheep Hearts (Abscesses)  
 1 Sheep Lungs (Abscesses)

1 Pig Part Leg (Bruising)  
 2 Calf Lungs (Pneumonia)  
 2 Whole Sheep (Emaciation)

Other Foods Condemned:—

! cwt. 89 lb. Frozen Foods; 30 lbs. Canned Meat; 14½ lbs. other canned Foods.

Disposal of Condemned Foods:—

All condemned meat is stained before removal from slaughterhouses and processed for animal feeding purposes or buried under supervision.

Other condemned foods are removed and buried on the Council Refuse Tip under supervision.

#### (c) Registered Food Premises

Section 16, Food and Drugs Act 1955:—

Number of Shops registered for the sale of Ice Cream . . . . .	91
Number of Licensed Premises registered for the sale of Ice Cream . . . . .	26
Number of Premises registered for the manufacture of Preserved Meats . . . . .	12

With reference to the Ice Cream (heat treatment, etc.) Regulations 1959 & 1963, there are no manufacturing premises within the District and with the exception of two premises all retail pre-packed ice cream. There is a depot within the Rural District from which vehicles operate throughout the area selling soft ice cream.

No samples were taken this year. Hardly any inspections of registered food premises were carried out during the year.

#### (d) Food Hygiene (General) Regulations 1960

Number and type of food premises:—

Category of Trade:	No.	Fitted to comply with Reg. 16	No. to which Reg. 19 applies	Fitted to comply with Reg. 19
Bakehouses . . . . .	8	8	8	8
Butchers . . . . .	20	20	20	20
Cafes . . . . .	8	8	8	8
Fried Fish Shops . . . . .	3	3	3	3
Grocers . . . . .	73	70	73	73
Confectioners . . . . .	15	10	14	14
Greengrocers . . . . .	5	4	4	4
Licensed Premises . . . . .	81	79	81	81
Ice Cream Merchants . . . . .	1	1	1	1
Clubs . . . . .	2	2	2	2
Canteens . . . . .	7	7	7	7

Due to the staffing position and the unfortunate events that occurred during the year plus the pressure of other work very few inspections were carried out at food premises.

This has been the case now for three years and any inspections made have been concentrated on the preparing and manufacturing premises. It cannot be stressed too strongly that regular visits should be made to all food premises. With the amount of work the Department is carrying out only an increase in the Inspectoral staff will achieve this end.

#### (e) Food Hygiene (Market Stalls and Delivery Vehicles) Regulations 1966

This class of food trader appears to be on the increase but very little attention has been given to inspection of these vehicles since the advent of the Regulations due to pressure of other work.

To carry out any systematic inspection would involve a lot of time and travel which so far has not been possible.

(f) *Poultry Processing Establishments:*

- (i) Number of poultry processing premises within the district .. 1
- (ii) Number of visits to these premises .. .. . 2
- (iii) Total number of birds processed during the year .. .. 6,078,785
- (iv) Type of birds processed .. .. . broilers and capons
- (v) Percentage of birds rejected as unfit for human consumption—1.66%
- (vi) Weight of poultry condemned as unfit for human consumption—355,988 lbs.
- (vii) All birds are processed without evisceration, and retailed as fresh birds. In these circumstances and in view of the high kill, it is considered impracticable to carry out detailed inspections.

There is a "spotter" system in operation at the factory. It may become necessary to pay more attention to this phase of the work in view of the number of birds killed and the possibility of unfit birds finding their way on to the market.

## WATER SUPPLY

Particulars of Number of Dwelling Houses and Population with Piped Supply.

<i>Parish</i>	<i>Estimated Population 1970</i>	<i>Number of Houses</i>	<i>Supplied By Mains Direct</i>	<i>Supplied by Standpipe</i>	<i>Supplied by Well</i>
Aspley Guise .. ..	2317	740	739	1	—
Aspley Heath .. ..	600	184	184	—	—
Battlesden .. ..	50	17	15	—	2
Clophill .. ..	1580	533	515	15	3
Cranfield .. ..	4062	1220	1211	7	2
Eversholt .. ..	463	162	157	5	—
Flitton .. ..	780	255	246	9	—
Flitwick .. ..	5499	1736	1731	5	—
Gravenhurst .. ..	565	198	193	2	3
Harlington .. ..	1962	657	653	3	1
Haynes .. ..	1052	323	317	5	1
Higham Gobion .. ..	31	8	8	—	—
Hulcote and Salford .. ..	217	68	66	2	—
Houghton Conquest .. ..	1201	402	387	15	—
Husborne Crawley .. ..	402	134	132	1	1
Lidlington .. ..	1023	352	344	7	1
Marston Morteyne .. ..	2196	697	686	9	2
Maulden .. ..	1957	652	636	14	2
Millbrook .. ..	142	50	48	1	1
Milton Bryan .. ..	175	57	55	1	1
Potsgrove .. ..	41	21	18	3	—
Pulloxhill .. ..	870	273	265	6	2
Ridgmont .. ..	692	243	234	9	—
Shillington including Lower Stondon .. ..	3416	1024	993	28	3
Silsoe .. ..	1367	375	366	9	—
Steppingley .. ..	229	70	64	6	—
Tingrith .. ..	192	58	58	—	—
Westoning .. ..	1157	345	340	5	—
Woburn .. ..	959	328	318	9	1
	35170	11182	10979	177	26



There are 177 houses still supplied by standpipe, of these 72 are unoccupied. This total is 1.58% of the number of houses in the district. These are mainly sub-standard cottages, and will be dealt with by way of slum clearance or improvement.

There are 26 houses (8 of which are unoccupied) on well or spring supply, which represents 0.23% of the houses in the district. These are mainly in isolated parts of the district.

## HOUSING

### (a) *Housing Management*

The Department is responsible for the allocation and letting of Council houses, bungalows, flats and garages, and compilation of the waiting lists. The selection of tenants is carried out by the Council's Housing Committee.

75 new properties were let during the year.

89 changes of tenancies took place.

27 transfers were effected.

4 exchanges were permitted.

The number of applicants on the Council waiting lists increased during the year and by the end had reached over 1,000.

It was found to be impossible to carry out a review of applicants for obvious reasons, a procedure which must be tackled in order to have up-to-date knowledge with regard to the housing requirements of the district.

### (b) *Slum Clearance*

During the year the Council made 19 demolition orders in dealing with unfit houses in the Third Programme.

Owners were prepared to give Informal Undertakings to close in 7 cases and to demolish in 9 cases in lieu of action under the Housing Acts, and these were accepted by the Council.

35 tenants were re-housed from slum clearance properties during the year.

At the end of 1970 which is the fourth year of this programme out of a total of 177 properties 121 have been dealt with as follows:—

Demolition Orders made . . . . .	35
Closing Orders made . . . . .	1
Undertakings to demolish accepted . . . . .	33
Undertakings to close accepted . . . . .	38
Voluntary demolition, etc. . . . .	14

### (c) *Housing Survey*

Due to the staff difficulties during the year no further villages have been inspected. A total of four villages have now been inspected since the commencement of the survey. It is hoped to complete an inspection of all villages in the district under the Housing Acts.

### (d) *Repairs*

The following is a summary of nuisances and defects upon which action has been taken during the year:—

Number of defective premises . . . . .	3
Premises with defective roofs . . . . .	2
"    "    "    guttering, etc. . . . .	1
"    "    "    doors . . . . .	1
"    "    "    windows . . . . .	1
"    "    "    plastering . . . . .	1
"    "    "    drainage . . . . .	2

Repairs and improvements have been carried out at quite a number of houses without recourse to serving notices. This work has been done after informal consultations with the owners.

There were 3 informal notices served under the Public Health Act 1936.

(e) *Improvements*

The Department is responsible for certifying that all grant applications satisfy the qualifying conditions as to repair, fitness and 'life'. In this connection there were 138 individual applications for grant, 58 applications for reduced grant and a block application for 100 properties for an estate which was not proceeded with.

During the year two improvement grants were paid and 70 standard grants were paid for properties that had been improved to the required standard.

## CLEANSING

(a) *Pail Collection and Cesspool Emptying Service*

Closet pails are emptied once a week in the area where the sewer is not available. Where the sewer is available, the service is given to condemned properties which are still occupied and to 'hardship' cases such as old age pensioners.

There are 695 houses with pail closets, but 155 of these are unoccupied.

352 houses having pail closets are receiving the emptying service, and this leaves some 188 properties who have to make their own arrangements for disposal at the present time.

There are 1,181 houses with cesspool drainage, the actual number of cesspools being slightly less than this.

The rota system inaugurated at the end of 1969 has worked well. This is a variable rota scheme based on past emptying frequency and need, i.e., monthly, quarterly and yearly emptyings as required. Requests can still be made if necessary up to a maximum of 13 emptyings per annum. The service to domestic properties is free of charge.

This service is carried out with two 1,500 gallon emptying vehicles. There is an incentive bonus scheme in operation.

Facilities are provided at two sewage disposal works for the reception and treatment of cesspool waste and this is augmented by disposal on agricultural land as available.

(b) *Refuse Collection and Disposal*

There is a weekly collection of refuse firmly established throughout the district. This work is carried out by five continuous loading vehicles, plus one spare vehicle, each vehicle normally having a crew of five. A new vehicle was purchased as part of the programme of replacement.

There is an incentive bonus scheme in operation on this service.

The disposal of refuse is by controlled tipping on one main site. A new garage including messing and sanitary facilities was completed during the year and now provides adequate facilities and housing for the Crawler Dozer.

The tip is open for use by residents of the district for disposal of non-domestic refuse and also for other rubbish. A charge of 50p per load is levied for the disposal of industrial waste, etc. from within the district. Soil and other covering material is accepted free of charge.

(c) *Civic Amenities Act 1967*

(a) *Disposal of Abandoned Vehicles (Sec. 20, 21)*

<i>Total Abandoned</i>	<i>Reclaimed by Owners</i>	<i>Sold</i>	<i>Destroyed</i>	<i>Awaiting Action</i>	<i>Detained in Pound (during year)</i>
52	19	6	17	10	19

(b) *Total number removed since June, 1968*

<i>1968</i>	<i>1969</i>	<i>1970</i>	<i>Total</i>
42	72	52	166

(c) *Other Refuse (Sec. 23)*

Two tips are provided within the district for the acceptance of refuse etc. under this Act. Deposits can be made during working hours and on Saturday mornings, the main tip at Brogborough being specially opened for this purpose.

OFFICES, SHOPS AND RAILWAY PREMISES ACT, 1963

(a) *Total Number of Registered Premises at end of Year: 110*

27 Offices	9 Catering Establishments
71 Retail Shops	2 Fuel Storage Depots
1 Wholesale Shop	

(b) *Number of Newly Registered Premises during the Year: 10*

5 Offices	4 Retail Shops
1 Catering Establishment	

(c) *Total number of Persons Employed in the above Premises: 1,338*

808 Males	530 Females
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(d) *Number of Persons Employed in Class of Workplace:*

Offices 958	Catering Establishments 145
Retail Shops 211	Fuel Storage Depots 11
Wholesale Shop 13	

15 visits were made to premises during the year. It has not been possible to carry out any routine inspections of these premises again this year. It is now over three years since adequate inspections have been carried out.

# FACTORIES

PREScribed PARTICULARS ON THE ADMINISTRATION OF THE FACTORIES ACT, 1961.

## PART 1 OF THE ACT

1.—INSPECTIONS or purposes of provisions as to health (including inspections made by Public Health Inspectors).

Premises (1)	Number on Register (2)	Number of		
		Inspections (3)	Written notices (4)	Occupiers prosecuted (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ..	3	—	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ..	86	6	—	—
(iii) Other Premises in which Section 7 is enforced by the Local Authority *(excluding out-workers' premises) .. .. .	46	—	—	—
Total ..	135	6	—	—

\*i.e., Electrical Stations (Section 123 (1)), Institutions (Section 124) sites of Building Operations and Works of Engineering Construction (Section 127), Slaughterhouses (Section 175 (1) (d) and (e) and Railway Running Sheds (Section 175 (2) and (10)).

## 2.—CASES IN WHICH DEFECTS WERE FOUND.

(If defects are discovered at the premises on two, three or more separate occasions they should be reckoned as two, three or more "cases").

Particulars (1)	Number of cases in which defects were found				Number of cases in which prosecutions were instituted (6)
	Found (2)	Remedied (3)	Referred		
			To H.M. Inspector (4)	By H.M. Inspector (5)	
Want of cleanliness (S.1.) .. ..	—	—			
Overcrowding (S.2.) .. ..	—				
Unreasonable temperature (S.3.) ..	—				
Inadequate ventilation (S.4) ..	—				
Ineffective drainage of floors (S.6)	—				
Sanitary Conveniences (S.7)					
(a) insufficient .. ..	—				
(b) Unsuitable or defective ..	2	2		1	
(c) Not separate for sexes ..	—			—	
Other offences against the Act (not including offences relating to Outwork) .. ..	—				
Total ..	2	2		1	

## PART VIII OF THE ACT.

### OUTWORK

(Sections 133 and 134)

Nature of Work (1)	Section 133			Section 134		
	No. of outworkers in August list required by Sect. 113 (1) (c) (2)	No. of cases of default in sending list to the Council (3)	No. of prosecutions for failure to supply Lists (4)	No. of instances of work in unwhole- some premises (5)	Notices served (6)	Prosecutions (7)
Wearing apparel— Making, etc. ..		—	—	—	—	—
Cleaning & Washing Cosaques, Christmas stockings, etc. ..	40 2	—	—	—	—	—







